

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	Kornowski et al.	Art Unit:	Not Yet Assigned
Parent Serial No.	09/868,411	Examiner:	Not Yet Assigned
Parent Filing Date	June 14, 2001		
Serial No.:	Not Yet Assigned		
Filed:	February 10, 2004		
Title:	INTRAMYOCARDIAL INJECTION OF AUTOLOGOUS BONE MARROW		

**Mail Stop PATENT APPLICATION**

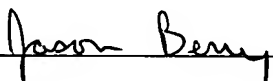
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 § CFR 1.97, Applicants bring to the Examiner's attention the related parent patent application, U.S. Serial No. 09/868,411, filed June 14, 2001, which is relied upon for an earlier filing date under 35 USC § 121. For the convenience of the Examiner, copies of the PTO Forms 1449 are enclosed.

It is respectfully requested that these references be considered in the examination of this application and their consideration be made of written record in the application file.

<b>CERTIFICATION UNDER 37 CFR §1.10</b>	
"EXPRESS MAIL" Mailing Label Number: <b>EV 318 740 425 US</b>	
Date of Deposit: <b>February 10, 2004</b>	
I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" with sufficient postage on the date indicated above and is addressed to: Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
JASON BERRY	
(Name of Person Mailing Paper)	
(Signature) 	February 10, 2004 (Date)

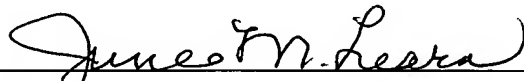
In re Application of:  
Kornowski et al.  
Application No.: Not Yet Assigned  
Filed: February 10, 2004  
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PATENT  
Attorney Docket No.: MEDIV2010-5

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement, because it is being filed prior to the receipt of a first office action on the merits of the above-captioned application. However, if any fee is required, authorization is hereby given to charge any fees associated with the filings submitted herewith, or credit any overpayment to Deposit Account No. 50-1355. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: February 10, 2004

  
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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No.: MEDIV2010-2	Application No.: 09/868,411
	Applicants: Kornowski et al.	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: June 14, 2001	Group Art Unit: 1633

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AI	5,817,773	10/06/98	Wilson and Gabrilove			

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATI ON (YES/NO)
	AJ	WO 91/04274	04/04/91	PCT			
	AK	WO 99/00486	01/07/99	PCT			

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AL	Dubrey et al., "Improvement of Echocardiographic and Electrocardiographic features in AL Cardiac Amyloidosis with Intensive Melphalan and Autologous Stem Cell Rescue" <i>Boston University School of Medicine</i> , XP-00107 135
	AM	Isner and Asahara, "Angiogenesis and vasculogenesis as therapeutic strategies for postnatal neovascularization" <i>The Journal of Clinical Investigation</i> 103 (9):1231-1236 (1999)
	AN	Karen K. Fields, "Autologous Bone Marrow Transplantation and Melanoma: A Focused Review of the Literature" <i>Annals of Plastic Surgery</i> 28 (1):70-73 (1992), XP-001069809
	AO	Noishiki et al., "Autocrine angiogenic vascular prosthesis with bone marrow transplantation" <i>Nature Medicine</i> , 2 (1):90-93 (1996)
	AP	Tomita et al., "Autotransplanted Mesenchymal Stem Cells Improve Functions After A Myocardial Infarction," <i>Circulation</i> 98 (17):I200 Abstract 1037
	AQ	Yamauchi et al., "New agents for the treatment of infarcted myocardium" <i>The FASEB Journal</i> 10.1096/fj.99-0565fje (2000)

<b>SUPPLEMENTAL FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	<b>Docket No.</b> <b>MEDIV2010-2 (103477-32)</b>	<b>Serial No.:</b> <b>09/868,411</b>
	<b>Applicant(s):</b> Kornowski, et al.	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> <b>June 14, 2001</b>	<b>Group Art Unit:</b> 1633

### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	6,013,780	01/11/2000	Neufeld et al.			

### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
	AB	WO00/57922	10/05/2000	WIPO			

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AC	S. Fuchs, et al., "Transendocardial Delivery of Autologous Bone Marrow Enhances Collateral Perfusion and Regional Function in Pigs with Chronic Experimental Myocardial Ischemia," <i>Journal of American College of Cardiology</i> , 2001, Vol. 37, No. 6, pgs. 1726-1732
	AD	C. Kalka, et al., "Angiogenesis and Vasculogenesis," <i>Herz</i> , 2000, Vol. 25, No. 6, pgs. 611-622
	AE	B.E. Strauer, M.D., et al., "Stem Cell Therapy in Perspective," <i>Circulation</i> , 2003, Vol. 107, pgs. 929-934

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
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**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449</b> U.S. Department of Commerce Patent and Trademark Office	<b>Docket No.</b> MEDIV2010-2	<b>Serial No.:</b> 09/868,411
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### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	AA	Blume and Thomas, "A Review of Autologous Hematopoietic Cell Transplantation," <i>Biology of Blood and Marrow Transplantation</i> , Vol. 6, 2000, pgs. 1-12.
	AB	Brugger, Wolfram et al., "Ex Vivo Manipulation of Hematopoietic Stem and Progenitor Cells," <i>Seminars in Hematology</i> , Vol. 37, No. 1, Supplement 2, January 2000, pgs. 42-49.
	AC	Dini, G. et al., "Peripheral Blood Stem Cell Collection from G-CSF-Stimulated Unrelated Donors for Second Transplant," <i>Bone Marrow Transplantation</i> , Vol. 22, Supplement 5, 1998, pgs. S41-S45.
	AD	Fielding and Goldstone, "Autologous Bone Marrow Transplantation," <i>Current Opinion in Hematology</i> , Vol. 1, 1994, pgs. 412-417.
	AE	Kanj, Souha S. et al., "Myocardial Ischemia Associated With High-Dose Carmustine Infusion," <i>Cancer</i> , Vol. 68, November 1, 1991, pgs. 1910-1912.

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<b>SUPPLEMENTAL INFORMATION</b> <b>DISCLOSURE STATEMENT BY APPLICANT</b>	<b>Filing Date:</b> June 14, 2001	<b>Group Art Unit:</b> 1633

	AF	Noishiki, Yasuharu et al., "Angiogenic Growth Factor Release System for In Vivo Tissue Engineering: A Trial of Bone Marrow Transplantation into Ischemic Myocardium," <i>J. Artif. Organs</i> , Vol. 2, 1999, pgs. 85-91.
	AG	Simnett, S.J. et al., "Autologous Stem Cell Transplantation for Malignancy: A Systematic Review of the Literature," <i>Clin. Lab. Haem.</i> , Vol. 22, 2000, pgs. 61-72.
	AH	Vaughan, William P., et al., "Roundtable Discussion: Incorporating Bone Marrow Transplantation Into NCCN Guidelines," <i>Onocology</i> , Vol. 12, No. 11A, NCCN Proceedings, November 1998, pgs. 390-392.

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